

CLAIMS

1. An elevator door apparatus characterized by comprising:
an elevator door capable of reciprocating between a door closure position for closing an elevator entrance and a door open position for opening the elevator entrance;

a door drive device for driving the elevator door; and

a door control device for adjusting the door open position based on control information for controlling an operation of an elevator, obtaining a door opening/closing pattern for the elevator door to be opened and closed between the adjusted door open position and the door closure position, and controlling the door drive device so that the elevator door is reciprocated in accordance with the obtained door opening/closing pattern.

2. An elevator door apparatus according to Claim 1, characterized in that weight information from a weighting device for generating a signal in accordance with a size of a weight load in a car is input to the door control device as the control information.

3. An elevator door apparatus according to Claim 1, characterized in that:

an operation switch for adjusting the door open position is provided in at least one of an inside of a car and a landing; and

operation information generated through an operation on the operation switch is input to the door control device as the control information.

4. An elevator door apparatus according to Claim 1, characterized in that stop floor information from a stop floor detecting sensor for detecting a floor at which the car stops is input to the door control device as the control information.

5. An elevator door apparatus according to Claim 1, characterized in that time information from a timer is input to the door control device as the control information.

6. An elevator door apparatus according to Claim 1, characterized in that remote information due to remote operation from an elevator operation control room is input to the door control device as the control information.

7. An elevator door apparatus according to Claim 1, characterized in that abnormality information from an abnormality detecting sensor for detecting an abnormality in a reciprocating motion of the elevator door is input to the door control device as the control information.